

NTHMP Mapping and Modeling Subcommittee Meeting
Thursday 15 September 2022 10:00-11:00 AKDT

Joining information: <https://meet.goto.com/303912653>

You can also dial in using your phone. (For supported devices, tap a one-touch number below to join instantly.)

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Access Code: 303-912-653

Participants:

AGENDA

1. Work Plan Updates:
 - 1.1. Powell Center updates (Stephanie)
 - 1.1.1. Meeting 5, Pacific tsunami sources other than AASZ and CSZ.: Mar 27-31, will include half day on volcanic sources
 - 1.1.2. Meeting 6, August to fall 2023: Crustal faults and potentially other non-standard tsunami sources.
 - 1.1.3. Hong Kie's report is out, and work has been approved to add Puerto Rico
 - 1.1.4. Kelin Wang added to effort to help with deformation models/logic tree
 - 1.2. NCEI DEM updates (Kelly C.)
 - 1.2.1. Prince of Wales in progress. Then Puget Sound, Santa Cruz
 - 1.2.2. Non-NTHMP: Florida Keys, S. Florida
 - 1.2.3. Updated global model with 15 arcsec resolution (~0.5km at equator) will be released in several weeks
 - 1.2.4. Southwest Washington/northern Oregon coast topobathy update not yet available, but NTHMP partners will be updated by NCEI when it is.
 - 1.3. Maritime Guidance (Rick) No updates on this topic, but did share a MRPWG update that they will be comparing 2022 impacts on harbors that had post-2011 improvements vs. those that had not
 - 1.4. Landslide PTHA (Stephan/Juan) Progressing, working on speed
 - 1.5. Sediment Transport Workshop (Jim) Jim absent/ no updates
 - 1.6. Debris Modeling Workshop (Rick/Pat)
 - 1.6.1. Contract extension approved, picking new date in probably Mar. or April and following up with participants in the next few weeks
 - 1.6.2. Likely to remain separate from sediment transport workshop
2. Wave arrival workshop update (Alex)
 - 2.1. Dec. 1, 12:30-3:00 pm PDT. Focused agenda will be sent out closer to date
 - 2.2. Will be reaching out to partners in advance to gather information and synthesize prior to meeting

3. WCS request for MMS input/guidance
 - 3.1. Coastal water level sensors: regional IOOS connection (Jon): suggestion that IOOS has experience with federal backbone buildout and will be a helpful collaborator as we start thinking about how to incorporate more/ different types of water level data
 - 3.2. More formal request expected from WCS at a later point

4. New/other business
 - 4.1. Rick brought up effort to use coastal webcams to capture water levels/ generate quasi-marigrams. Jon suggested connecting with Greg Dusek of NOS, who has been leading a similar webcam effort
 - 4.2. Summer brought up that there is a new employee at NOS whois looking at criteria for including external water level data into the NOS Tides & Currents/ Tsunami-Capable list. Will inform him of MMS efforts
 - 4.3. Tsunami loads/ASCE: Rick suggestion to add a formal national or NTHMP representative to this external subcommittee in addition to state reps. Primarily a west coast group for now

Next Meeting: Nov. 17, 2022, 10a AKST